

# Muratcan Yeldan

muratcanyeldan.dev

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## SUMMARY

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A results-driven Software Engineer with a strong focus on backend development and microservices architecture, specializing in Java and Spring Boot. I have designed, developed, and optimized high-performance, scalable backend services across various industries.

My technical expertise includes a wide range of tools and technologies such as Docker, Kubernetes, Apache Kafka, RabbitMQ, and Elasticsearch, with a proven track record in building and maintaining complex microservices environments. Additionally, I have extensive experience with cloud platforms like AWS and a solid background in both web and mobile application development.

Committed to continuous learning, I strive to deliver reliable, high-quality software solutions that meet both technical and business needs.

## EXPERIENCE

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### • Bitpace

Senior Software Engineer

London

October 2024 - Present

- **Senior Software Engineer:** As a Senior Software Engineer at Bitpace, a payment solutions company specializing in cryptocurrency transactions, my focus is on developing scalable back-end services within a Java-based microservices architecture. My responsibilities include designing, implementing, and optimizing over 20 unique microservices that support secure and efficient financial operations. Technologies used for development : Java, Spring Boot, Spring Framework, Spring Data, Spring Security, REST, Hibernate, Redis, JPA, Docker, Kubernetes, PostgreSQL, RabbitMQ, API Gateway, GCP

### • Dataroid

Software Engineer

Istanbul

May 2024 - October 2024

- **Software Engineer:** Developed backend services for Java projects using Spring Boot within a microservices architecture. As a core team member, contributed to the development and continuous improvement of nine distinct microservices for an enterprise-level digital analytics and customer engagement platform. Technologies used for development : Java 21, Java 17, Python, Spring Framework, Spring Data, Spring Security, REST, Hibernate, JPA, Docker, Kubernetes, PostgreSQL, Apache Druid, Apache Airflow, Kafka Streams, Grafana Loki, Jenkins, Eureka Server, API Gateway, ELK Stack, Minio, HAProxy, Apache Hadoop, Kibana, Elasticsearch

### • QNBeyond

Software Developer

Istanbul

February 2023 - May 2024

- **Software Developer:** Developed backend services for Java projects using Spring Boot within a microservices architecture for fintech solutions. Technologies used for development : Java 21, Spring Framework, Spring Data, Spring Security, REST, Hibernate, JPA, Docker, MySQL, Mongo, Redis, Apache Kafka, Grafana Loki, Jenkins, Eureka Server, API Gateway, ELK Stack, Jaeger, HAProxy

### • Testinium

Java Developer

Istanbul

May 2021 - February 2023

- **Back-end Developer:** Developed backend services using Java and the Spring Framework in an Agile environment, built RESTful APIs, and implemented test automation solutions for enterprise applications. Technologies used for development : Java, Spring Framework, AWS, REST, Apache Tomcat, Hibernate, OpenCV, JPA, Docker, MySQL, Mongo, Redis, Hazelcast, JSF, Gstreamer, Shell

- **Enocta/Avez Elektronik İletişim Eğitim Dan. Tic. A.Ş.**

Intern

Ankara

March 2021 - April 2021

- **Mobile Application Department:** Developed login screens using the Firebase REST API, adhering to MVVM and MVP design patterns. Technologies used for development : Java, Kotlin, Firebase, Retrofit, RxJava, JUnit, Mockito

- **Şehir Bilişim Müh. İnş. San. Ve Tic.**

Intern

İstanbul

June 2016 - August 2016

- **City Planning Department:** Assisted in the development of projects for the city planning department. Technologies used for development : C#

## EDUCATION

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- **Yıldız Technical University**

B.Sc in Computer Engineering[English]

İstanbul, Turkey

Graduated

- **Beyoğlu Anatolian High School**

İstanbul, Turkey

Graduated

## PROGRAMMING SKILLS

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- **Languages:** Java, Kotlin, Python
- **Platforms/Services:** Android, Apache Airflow, Elasticsearch, Firebase, Hazelcast, Jenkins
- **Operating Systems:** Linux, Mac, Windows
- **Web/Application Servers:** Apache Tomcat, NGINX
- **Cloud Platform:** Amazon Web Services, Google Cloud Platform, Microsoft Azure
- **Frameworks:** Apache Hadoop, Apache Kafka, Apache Kafka Streams, Hibernate, JUnit, Mockito, Primefaces, RabbitMQ, Selenium, Spring, Spring Boot
- **Libraries:** Apache Commons, Apache POI, Jackson, Log4j, Lombok, OpenCV, SLF4J
- **Environment:** Android Studio, DataGrip, IntelliJ IDEA, Visual Studio Code
- **Databases:** Apache Druid, Firebase NoSQL, MySQL, MongoDB, PostgreSQL, Redis, RethinkDB, SQLite
- **Tools:** Docker, Gradle, Kubernetes, Maven, MinIO, Swagger
- **Monitoring and Logging Tools:** Grafana Loki, Kibana, Prometheus
- **Version Control:** Git

## PERSONAL PROJECTS

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- **Medication Tracking and Data Analysis System (Bs Graduation Thesis - 2020):** Medication tracking and reminder application developed for Android. The data analysis was made based on medication usage habits. Technologies used for project: Java, Kotlin, Firebase NoSQL Database. Methods used for project: Image processing techniques with the Firebase ML Kit
- **Android Based Crowd Sourced Receipt Share Application (Computer Project - 2019):** Receipt sharing application developed for Android. It aims to help users track their expenses and shows the most affordable product selected by user within a specified area. Technologies used for project: Java, Firebase NoSQL Database, OCR. Methods used for project: Image processing techniques with the Firebase ML Kit

## LANGUAGES

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- **Turkish:** Native
- **English:** Advanced